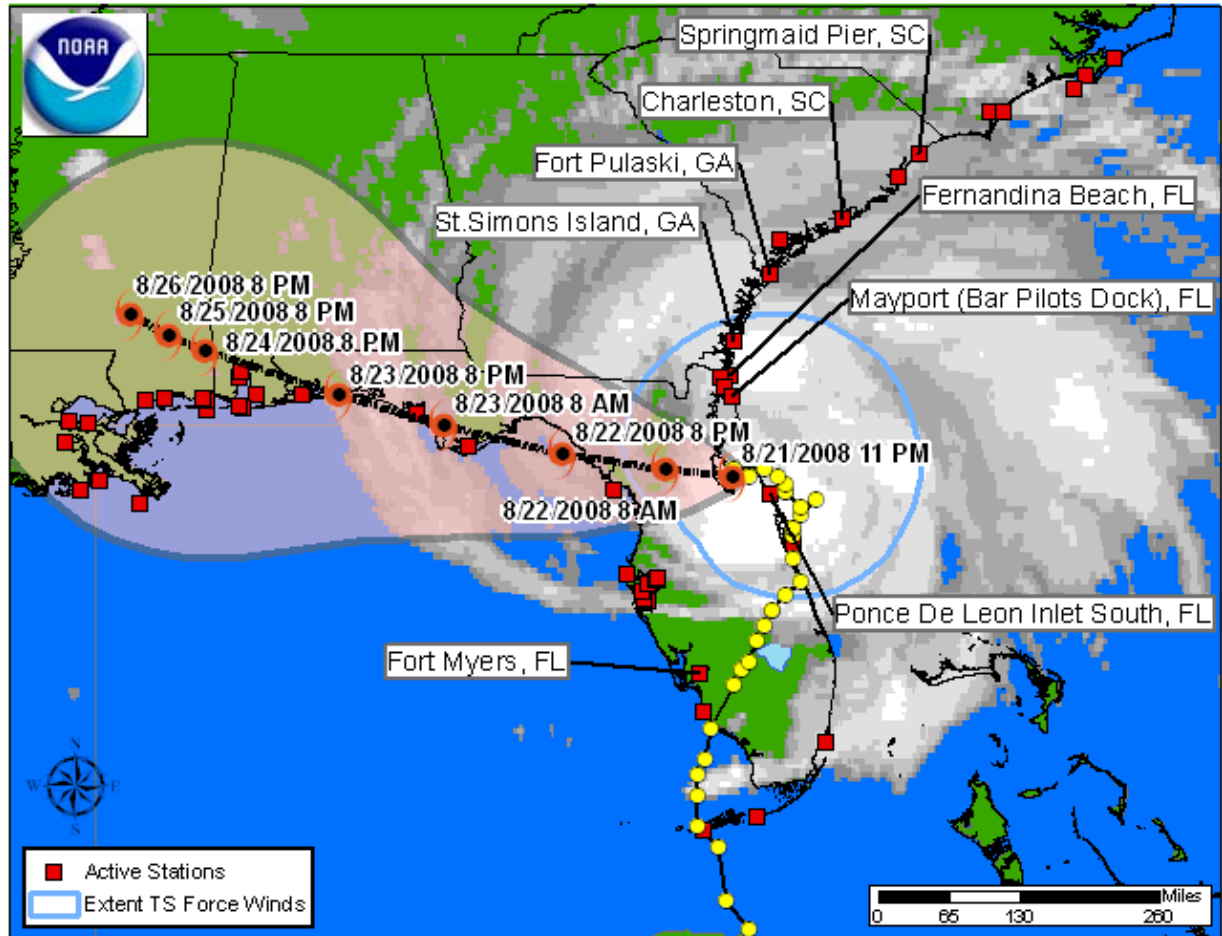




Tropical Storm FAY QuickLook  
Posted: 00:00 EDT 08/22/2008

**NOAA and NOAA Partnership Stations Relative to the Storm**



**Storm Analysis**

As of 08/22/2008 00:00 EDT, water levels from northeastern Florida to South Carolina are elevated about 1.0 to 1.8 feet above predicted. Water levels remain elevated at Fort Myers by roughly 1.0 foot. Barometric pressure continues to fall at Fernandina Beach, FL. Winds are increasing at Fort Pulaski, GA with gusts up to 33 knots recorded.

Water Level and Meteorological plots available below are updated automatically. Water level predictions relative to Mean Lower Low Water are:

Ponce De Leon, FL: Next predicted high tide is 3.00 ft (0.91 m) at 08/22/2008 00:33 EDT.

Mayport Bar Pilots, FL: Next predicted high tide is 4.69 ft (1.43 m) at 08/22/2008 00:45 EDT.

Fernandina Beach, FL: Next predicted high tide is 6.11 ft (1.86 m) at 08/22/2008 01:03 EDT.

**St. Simons Island, GA: Next predicted high tide is 8.08 ft (2.46 m) at 08/22/2008 00:18 EDT.**

**Fort Pulaski, GA: Next predicted high tide is 6.93 ft (2.11 m) at 08/22/2008 00:15 EDT.**

**Charleston, SC: Next predicted high tide is 5.32 ft (1.62 m) at 08/22/2008 00:00 EDT.**

**Springmaid Pier, SC: Next predicted high tide is 5.75 ft (1.75 m) at 08/22/2008 12:06 EDT.**

**Fort Myers, FL: Next predicted high tide is 1.67 ft (0.51 m) at 08/22/2008 07:36 EDT.**

**For additional data, please see the [Center for Operational Oceanographic Products & Services website](#). For more information or archived products and reports, please see the [Storm QuickLook Homepage](#).**

**Analyst: CM**

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**SELECT NATIONAL HURRICANE CENTER ADVISORY INFORMATION:**

**TROPICAL STORM FAY ADVISORY NUMBER 26**

**1100 PM EDT THU AUG 21 2008**

**...FAY STILL DRIFTING WESTWARD AND DUMPING HEAVY RAINS OVER NORTHEASTERN FLORIDA...**

**AT 1100 PM EDT A TROPICAL STORM WARNING IS ISSUED FOR THE GULF COAST OF FLORIDA FROM ARIPEKA NORTHWARD AND WESTWARD TO INDIAN PASS AND A TROPICAL STORM WATCH IS ISSUED FROM WEST OF INDIAN PASS WESTWARD TO DESTIN.**

**A TROPICAL STORM WARNING REMAINS IN EFFECT FROM SEBASTIAN INLET FLORIDA NORTHWARD TO THE SAVANNAH RIVER AT THE BORDER BETWEEN GEORGIA AND SOUTH CAROLINA.**

**A TROPICAL STORM WARNING MEANS THAT TROPICAL STORM CONDITIONS ARE EXPECTED WITHIN THE WARNING AREA WITHIN THE NEXT 24 HOURS. A TROPICAL STORM WATCH MEANS THAT TROPICAL STORM CONDITIONS ARE POSSIBLE WITHIN THE WATCH AREA GENERALLY WITHIN 36 HOURS.**

**AT 1100 PM EDT THE CENTER OF TROPICAL STORM FAY WAS LOCATED NEAR LATITUDE 29.3 NORTH, LONGITUDE 81.4 WEST OR ABOUT 25 MILES WEST-NORTHWEST OF DAYTONA BEACH FLORIDA.**

**FAY IS DRIFTING TOWARD THE WEST NEAR 2 MPH. FAY IS FORECAST TO MOVE WESTWARD OR WEST-NORTHWESTWARD WITH SOME INCREASE IN FORWARD SPEED DURING THE NEXT COUPLE OF DAYS. ON THIS TRACK THE CENTER OF FAY IS EXPECTED TO MOVE SLOWLY WESTWARD ACROSS THE NORTHERN FLORIDA PENINSULA TONIGHT AND FRIDAY AND MOVE NEAR OR OVER THE FLORIDA PANHANDLE COAST ON FRIDAY NIGHT AND SATURDAY.**

**MAXIMUM SUSTAINED WINDS ARE NEAR 60 MPH WITH HIGHER GUSTS. GRADUAL WEAKENING IS FORECAST DURING THE NEXT 24 HOURS BUT FAY IS FORECAST TO REMAIN A TROPICAL STORM INTO SATURDAY.**

**TROPICAL STORM FORCE WINDS EXTEND OUTWARD UP TO 175 MILES MAINLY TO THE EAST FROM THE CENTER.**

**ESTIMATED MINIMUM CENTRAL PRESSURE IS 994 MB.**

**FAY IS EXPECTED TO PRODUCE RAINFALL ACCUMULATIONS OF 5 TO 10 INCHES OVER CENTRAL AND NORTHERN PORTIONS OF THE FLORIDA PENINSULA, THE FLORIDA PANHANDLE, SOUTHERN GEORGIA AND SOUTHEASTERN ALABAMA, WITH ISOLATED MAXIMUM AMOUNTS OF 15 INCHES POSSIBLE. RAINFALL TOTALS OF 2 TO 4 INCHES ARE POSSIBLE ACROSS THE COASTAL AREAS OF SOUTHERN SOUTH CAROLINA. ADDITIONAL RAINFALL AMOUNTS OF 1 TO 2 INCHES ARE POSSIBLE IN OUTER RAIN BANDS OVER SOUTHERN FLORIDA. ISOLATED STORM TOTAL ACCUMULATIONS OF 20 TO 30 INCHES HAVE BEEN OBSERVED WITH THIS SYSTEM OVER THE EAST CENTRAL COASTAL AREAS OF FLORIDA.**

**STORM SURGE FLOODING OF 2 TO 4 FEET ABOVE NORMAL TIDES IS POSSIBLE ALONG THE EAST COAST OF FLORIDA AND GEORGIA TO THE NORTH OF THE CENTER OF FAY.**

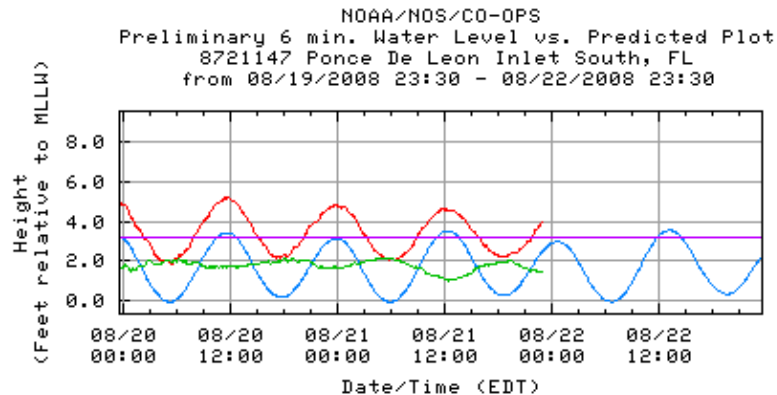
**ISOLATED TORNADOES ARE POSSIBLE TONIGHT AND FRIDAY OVER PORTIONS OF NORTHEASTERN FLORIDA, SOUTHEASTERN GEORGIA AND SOUTHERN SOUTH CAROLINA.**

**FORECASTER KNABB/BROWN**

For the purpose of timely release, data contained within this QuickLook have undergone a "limited" NOS Quality Assurance/Control; however, the data have not yet undergone final verification. All data subject to NOS verification.

Jump to: [Ponce De Leon Inlet South - Water Level](#), [Mayport \(Bar Pilots Dock\) - Water Level](#), [Fernandina Beach - Water Level](#), [Fernandina Beach - Air/Water Temp](#), [Fernandina Beach - Barometric](#), [St.Simons Island - Water Level](#), [Fort Pulaski - Water Level](#), [Fort Pulaski - Winds](#), [Fort Pulaski - Air/Water Temp](#), [Fort Pulaski - Barometric](#), [Charleston - Water Level](#), [Springmaid Pier - Water Level](#), [Springmaid Pier - Winds](#), [Springmaid Pier - Barometric](#), [Springmaid Pier - Air/Water Temp](#), [Fort Myers - Water Level](#),

**Ponce De Leon Inlet South, FL - Station Map** [Return to List](#)



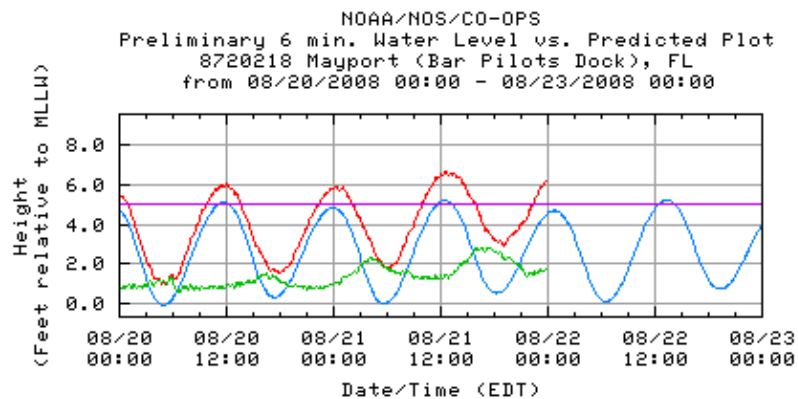
Predicted WL — (Obs-Pred) —  
Observed WL — MHHW —

Last Observed Sample: 08/21/2008 22:54 (EDT)

Relative to **MLLW**: **Observed: 3.98 ft. Predicted: 2.51 ft. Residual: 1.47 ft.**

Historical Maximum Water Level: n/a

**Mayport (Bar Pilots Dock), FL - Station Map** [Return to List](#)



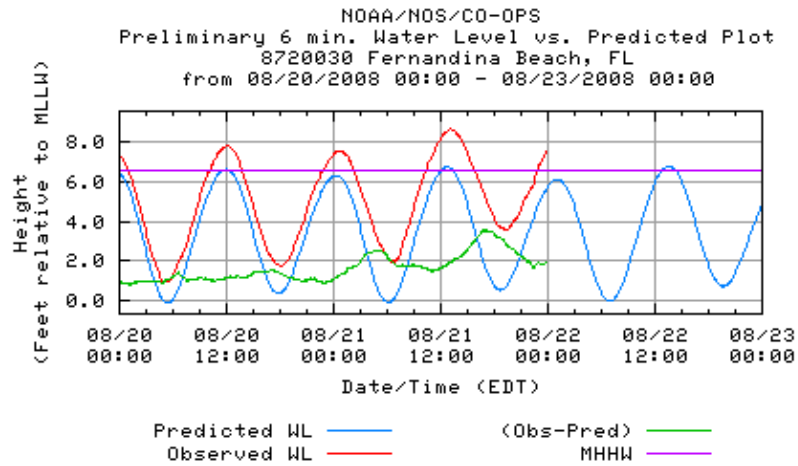
Predicted WL — (Obs-Pred) —  
Observed WL — MHHW —

Last Observed Sample: 08/21/2008 23:42 (EDT)

Relative to **MLLW**: **Observed: 6.16 ft. Predicted: 4.44 ft. Residual: 1.72 ft.**

Historical Maximum Water Level: 09/17/2001, 2.15 ft. above **MHHW**

**Fernandina Beach, FL - Station Map** [Return to List](#)

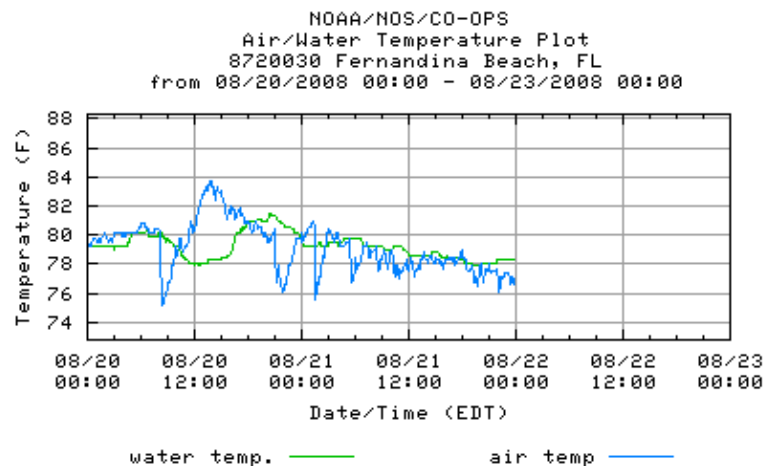


Last Observed Sample: 08/21/2008 23:48 (EDT)

Relative to **MLLW**: **Observed: 7.55 ft. Predicted: 5.63 ft. Residual: 1.92 ft.**

Historical Maximum Water Level: 10/02/1898, 6.94 ft. above **MHHW**

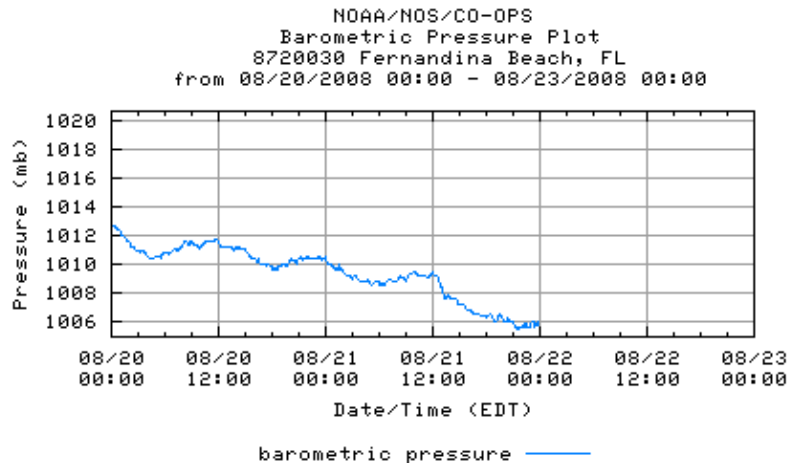
**Fernandina Beach, FL - Station Map** [Return to List](#)



Last Observed Sample: 08/21/2008 23:48 (EDT)

**Water Temperature: 78.3° F Air Temperature: 76.6° F**

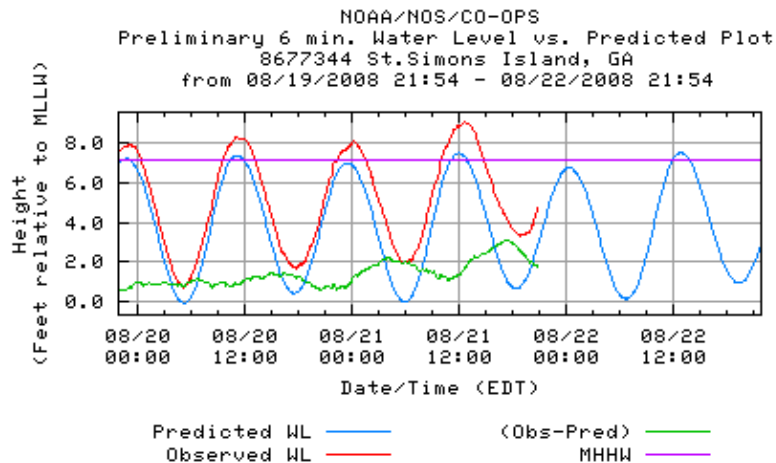
**Fernandina Beach, FL - Station Map** [Return to List](#)



Last Observed Sample: 08/21/2008 23:48 (EDT)

Barometric Pressure: 1005.7 mb

**St.Simons Island, GA - Station Map** [Return to List](#)

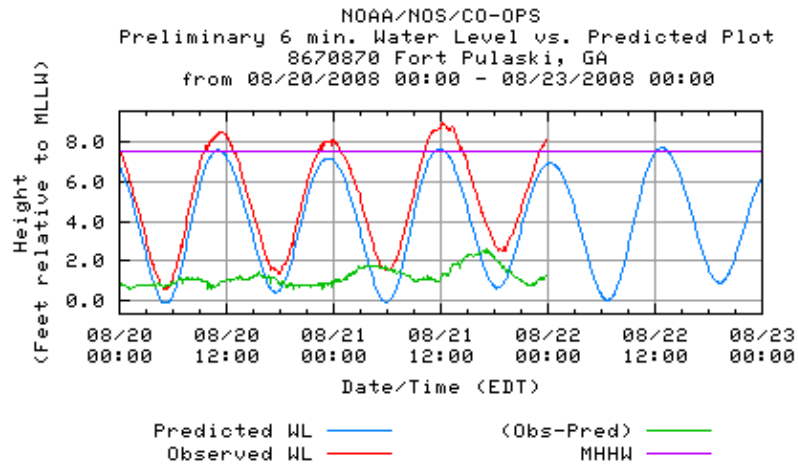


Last Observed Sample: 08/21/2008 20:54 (EDT)

Relative to **MLLW**: Observed: 4.70 ft. Predicted: 2.89 ft. Residual: 1.81 ft.

Historical Maximum Water Level: 07/22/2001, 2.41 ft. above **MHHW**

**Fort Pulaski, GA - Station Map** [Return to List](#)

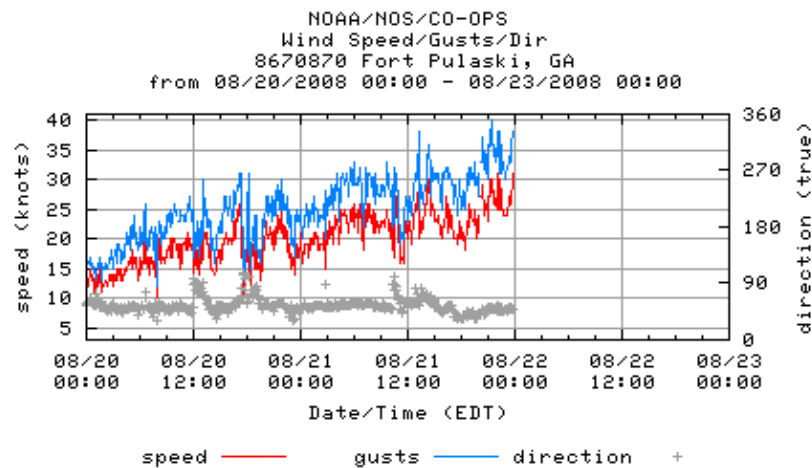


Last Observed Sample: 08/21/2008 23:42 (EDT)

Relative to **MLLW**: **Observed: 8.06 ft. Predicted: 6.82 ft. Residual: 1.24 ft.**

Historical Maximum Water Level: 10/15/1947, 3.4 ft. above **MHHW**

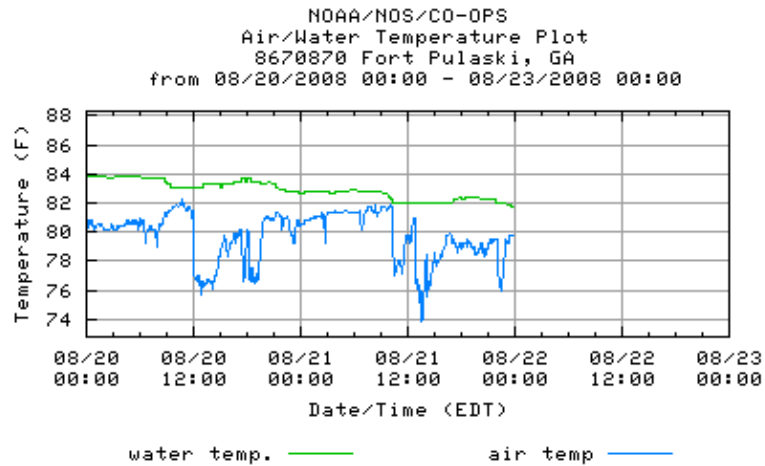
**Fort Pulaski, GA - Station Map** [Return to List](#)



Last Observed Sample: 08/21/2008 23:42 (EDT)

**Wind Speed: 31 knots Gusts: 38 knots Direction: 049° T**

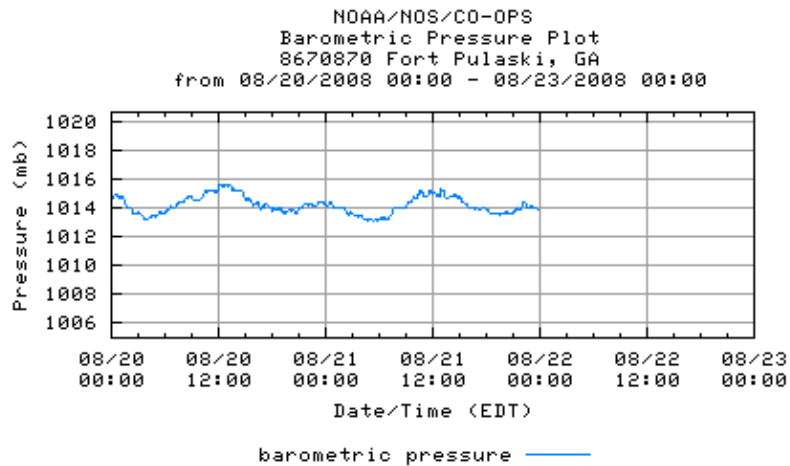
**Fort Pulaski, GA - Station Map** [Return to List](#)



Last Observed Sample: 08/21/2008 23:42 (EDT)

Water Temperature: 81.7° F Air Temperature: 79.7° F

**Fort Pulaski, GA - Station Map** [Return to List](#)

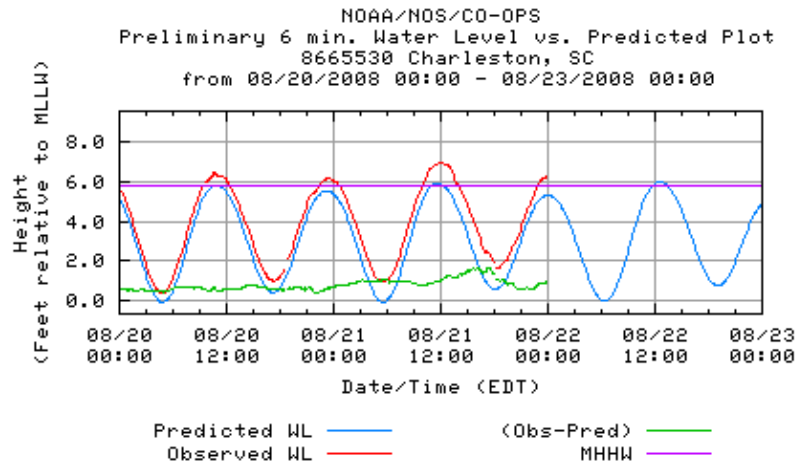


Last Observed Sample: 08/21/2008 23:42 (EDT)

Barometric Pressure: 1013.8 mb



### Charleston, SC - Station Map [Return to List](#)

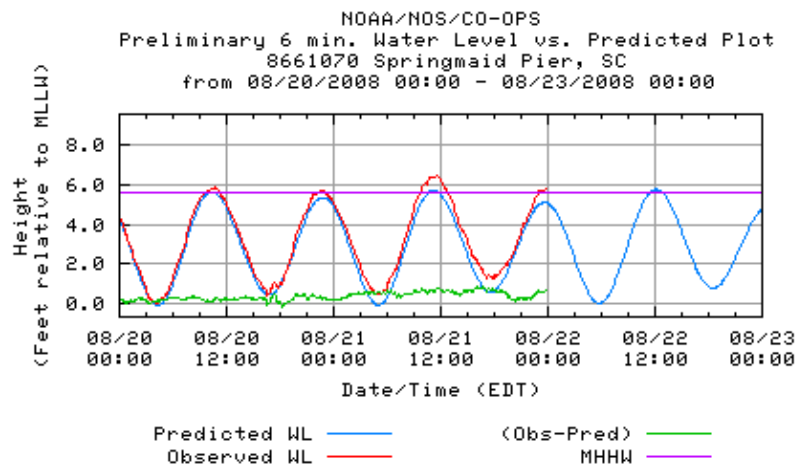


Last Observed Sample: 08/21/2008 23:48 (EDT)

Relative to **MLLW**: **Observed: 6.24 ft. Predicted: 5.31 ft. Residual: 0.93 ft.**

Historical Maximum Water Level: 09/21/1989, 6.76 ft. above **MHHW**

### Springmaid Pier, SC - Station Map [Return to List](#)

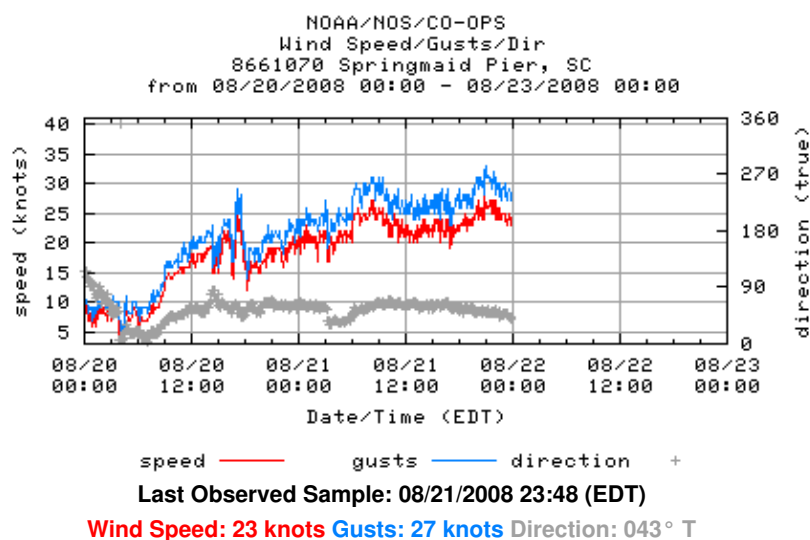


Last Observed Sample: 08/21/2008 23:48 (EDT)

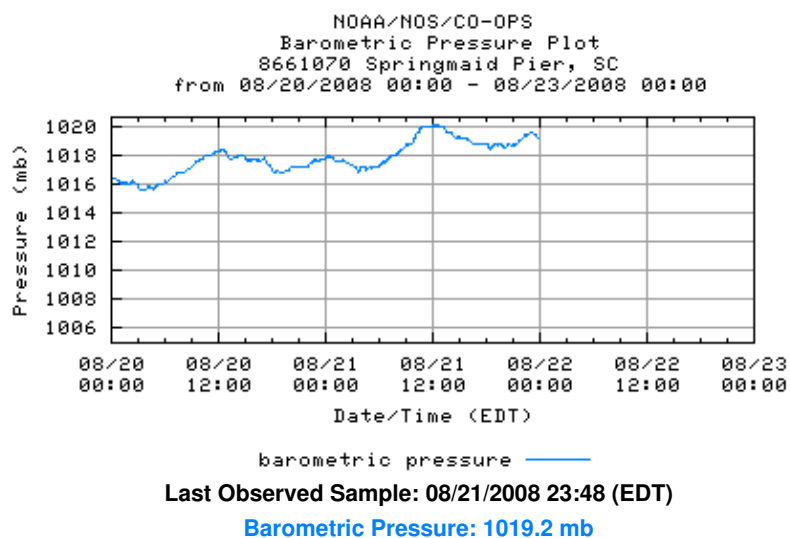
Relative to **MLLW**: **Observed: 5.81 ft. Predicted: 5.09 ft. Residual: 0.72 ft.**

Historical Maximum Water Level: 01/01/1987, 3.65 ft. above **MHHW**

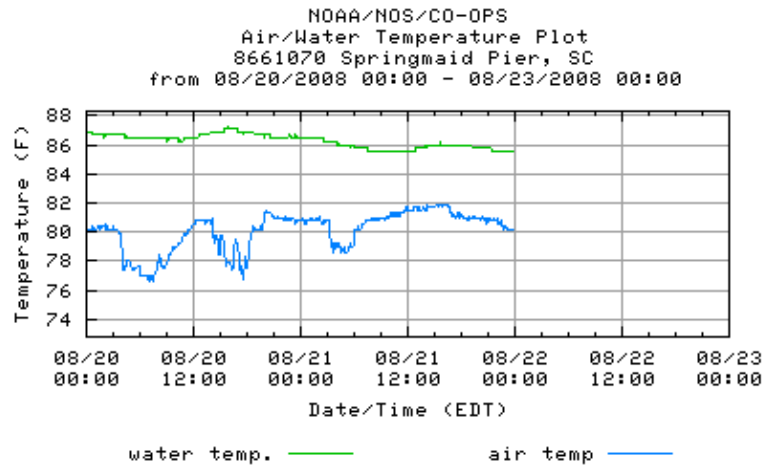
**Springmaid Pier, SC - Station Map** [Return to List](#)



**Springmaid Pier, SC - Station Map** [Return to List](#)



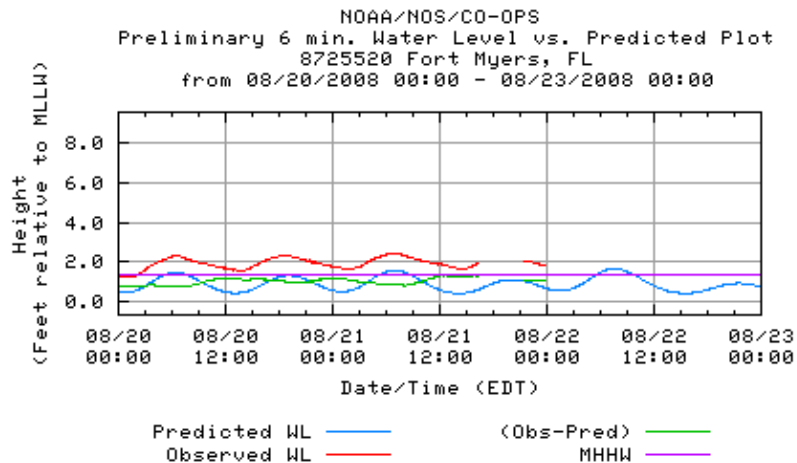
**Springmaid Pier, SC - Station Map** [Return to List](#)



Last Observed Sample: 08/21/2008 23:48 (EDT)

Water Temperature: 85.6° F Air Temperature: 80.2° F

**Fort Myers, FL - Station Map** [Return to List](#)



Last Observed Sample: 08/21/2008 23:48 (EDT)

Relative to **MLLW**: Observed: 1.81 ft. Predicted: 0.71 ft. Residual: 1.10 ft.

Historical Maximum Water Level: 11/23/1988, 3.41 ft. above **MHHW**

## Tropical Storm FAY QuickLook, POSTED 00:00 EDT 08/22/2008

Center for Operational Oceanographic Products & Services (CO-OPS) | National Ocean Service (NOS)  
National Oceanic and Atmospheric Administration | U.S. Department of Commerce